

**AMENDMENTS TO THE SPECIFICATION:**

Please amend the Abstract page on page 17 as follows:

Analyzing system for the detection of reducing and oxidizing gases in a carrier gas, ~~characterized in that~~ wherein the detection means are sensors based on semiconductor-type metal oxides that work in the absence of oxygen, ~~and in that said~~ . The system includes means for connecting to a chamber which contains ~~said~~ the sensors, and moreover in that the processing and control include a system of real-time recognition of ~~said~~ the gases, which provides a diagram in which the measurements taken on ~~said~~ the carrier gas are situated and identified. ~~Permits~~ The analyzing system permits analysis of the gas in real time. ~~Figures 3.~~